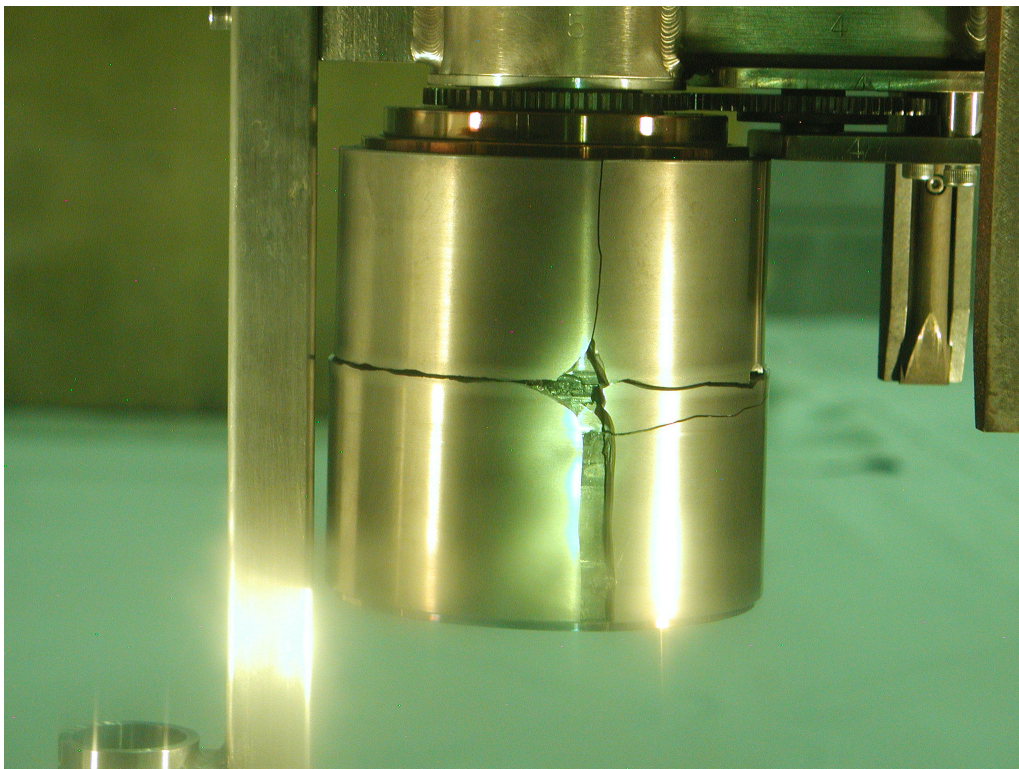




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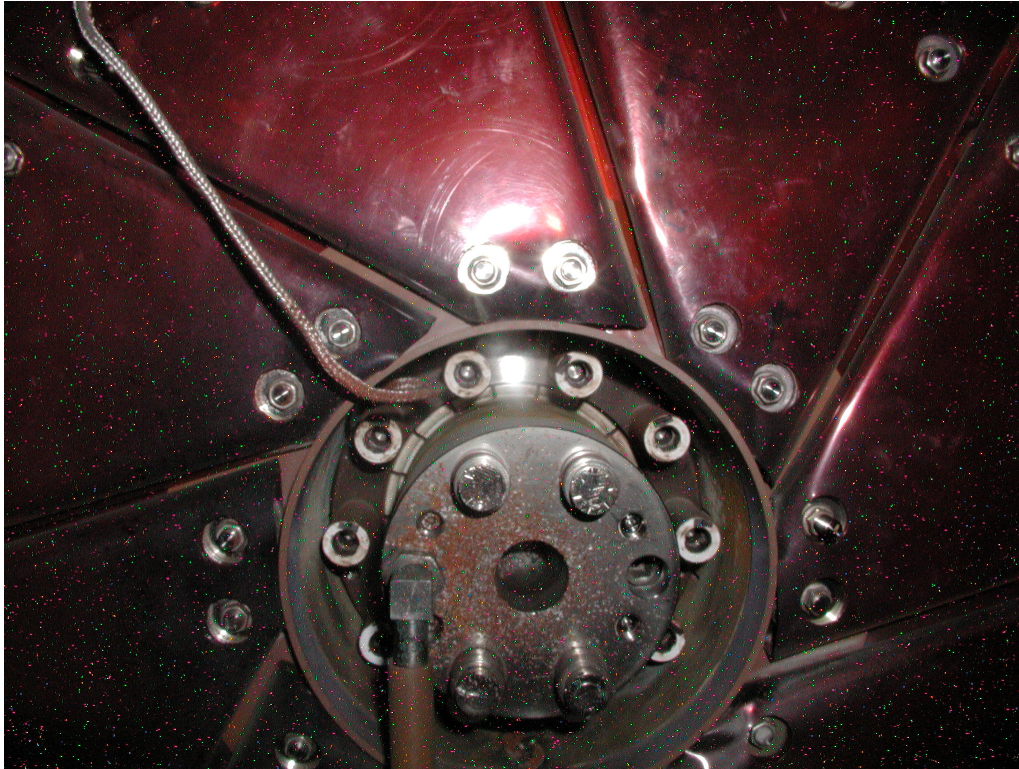
Lost cooling balls end of May.



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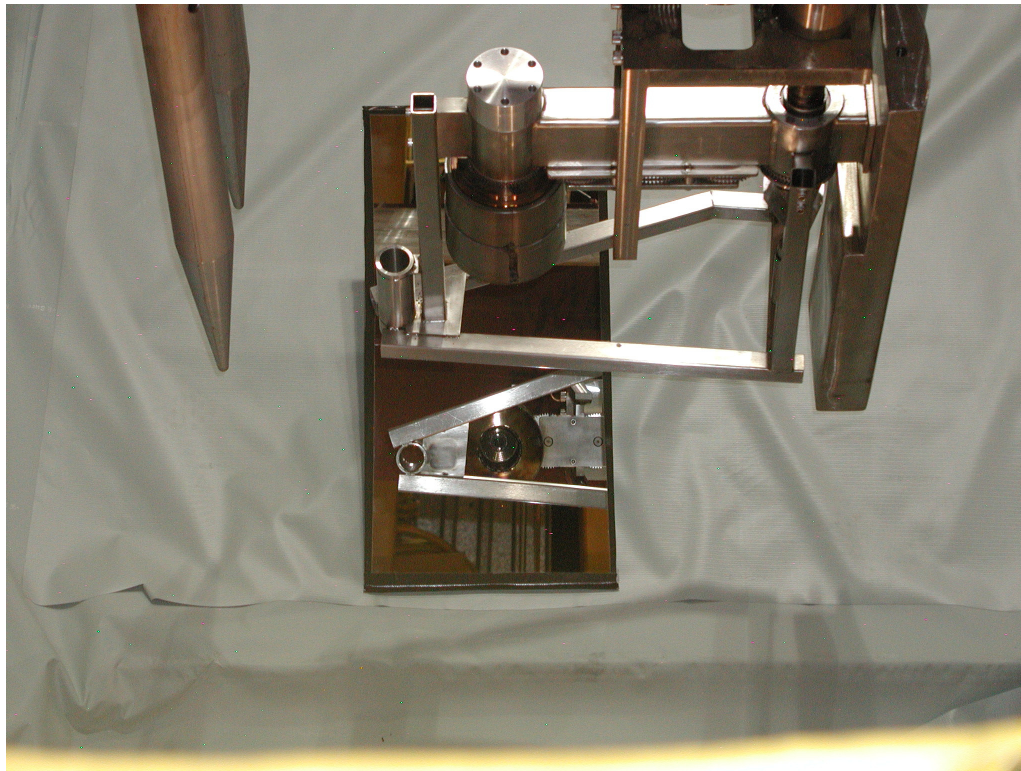
Running where top crack
Started seeing target structure, indicating target damage.
Moved down to next crack
Then moved to .5" from bottom.

Cracks, then berillium shield pushed up, stopping target rotation.



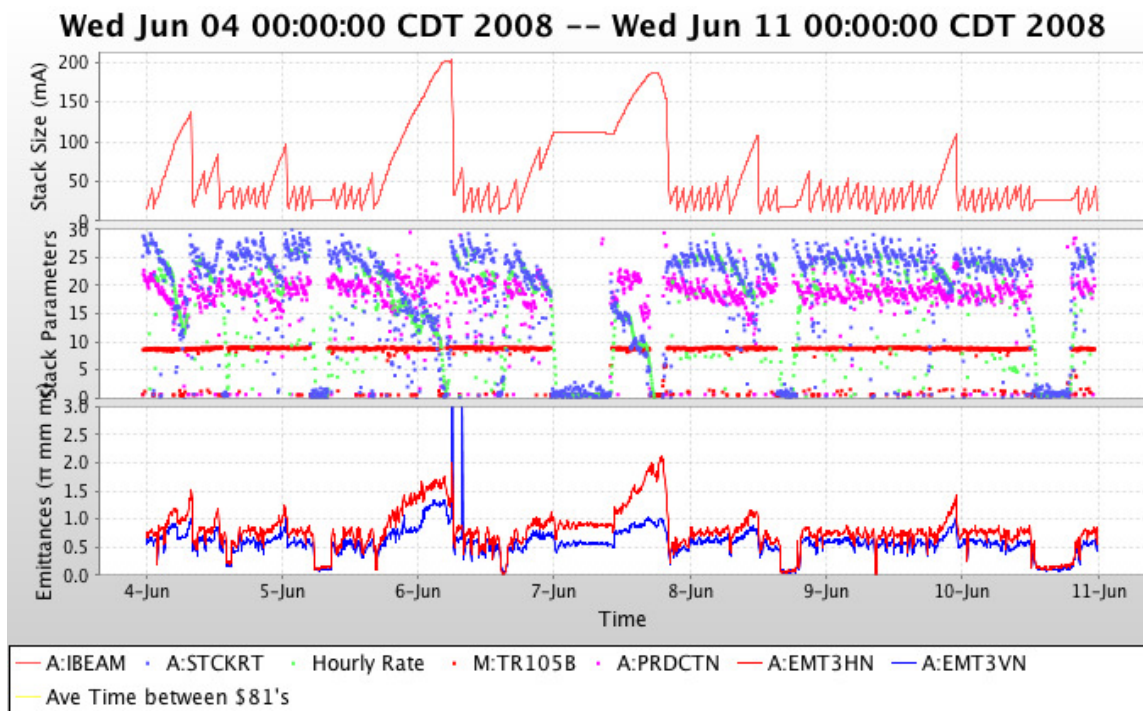
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See traces of silver sputtering. During beam on target when not rotating.



Pasted from <<http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pts&action=view&page=-2592&button=yes>>

Mirror reflection of bottom of target showing all cooling media gone.



Pbar Access:

We accomplished what we set out to do 1:DRF1-6 thermal couple box replaced and checked out to be OK 2:DRF1-3 PA tubes replaced. System up and running at half voltage due to access, all vital signs look good, cavity is in tune. 3:ARF1-2 PA deck replaced and went smoothly with six people in attendance to see how it is done. System was fully checked out

and run above 25 kV per cavity before ARF1-1 started to saturate. All things are in phase and operational 4: The debuncher momentum notch filter was measured (two measurements one single turn and one double turn delay) in the tunnel with EQ in and out of the circuit. Performance with EQ in looks as it did when we adjusted it last. Performance with EQ out will be used to design a new EQ to enhance performance. The techs are now removing equipment from the tunnel.

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Had to re-access to reconnect Debuncher momentum cooling....

DRF needs to be phased....

AP50 losses have went up....

Instrumentation wants to work with P1 BPMs.

DRF1 phasing work. <http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pbar08&action=view&page=257&scroll=false&load=>